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SPECIAL TOPIC

**Title: Synthetic method for biodegradability polyester material**

Application Number	96117591	Application Date	1996.06.24
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International Classification	C08G63/08		
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Patent Agency Code	51001	Patent Agent	YANG JUNHUA

**Abstract**

The present invention relates to a method for synthesizing biodegradable polyester material. Said invention is made up by using caprolactone, lactide and diglycolide, etc. as monomer, and making them by the process of copolymerization or copolymerization by adding polyether. Its catalyst is alkyl rare earth compound or a ratio of monomer/catalyst is 50-5000. Under the protection of inert gas the polymerization reaction is in 24 hr. The obtained product is high in molecular weight, and possesses good biodegradability and biocompatible biomedical material, and can be used in daily life.

Machine Translation

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